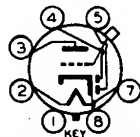




6R7, 6R7-GT/G

DUPLEX-DIODE TRIODE

6R7
6R7-GT/G

Heater	Coated Unipotential Cathode	
Voltage	6.3	a-c or d-c volts
Current	0.3	amp.
	<u>6R7</u>	<u>6R7-GT/G</u>
Direct Interelectrode Cap.	▲	
Grid to Plate	2.4	- μuf
Grid to Cathode	4.8	- μuf
Plate to Cathode	3.8	- μuf
Maximum Overall Length	3-1/8"	3-5/16"
Maximum Seated Height	2-9/16"	2-3/4"
Maximum Diameter	1-5/16"	1-5/16"
Bulb	Metal Shell, MT-8	T-9
Cap	Miniature	{ Skirted Miniature
Base	{ Small Wafer Octal 7-Pin	{ Intermed. Shell Octal 7-Pin
Basing Designation	7V	G-7V
Pin 1 { 6R7, Shell 6R7-GT/G, No Connection		Pin 4 - Diode Plate #2
Pin 2 - Heater		Pin 5 - Diode Plate #1
Pin 3 - Triode Plate		Pin 7 - Heater
Mounting Position		Pin 8 - Cathode
		Cap - Triode Grid
		Any
BOTTOM VIEW		
Maximum Ratings Are Design-Center Values		
<u>TRIODE UNIT</u>		
Plate Voltage	250 max. volts	
Plate Dissipation	2.5 max. watts	
D-C Heater-Cathode Potential	100 max. volts	
Typical Operation and Characteristics—Class A ₁ Amplifier:		
Plate	250	volts
Grid	-9	volts
Amp. Fact.	16	
Plate Res.	8500	ohms
Transcond.	1900	μmhos
Plate Cur.	9.5	ma.
Typical Operation—Resistance-Coupled Amplifier:		
See RESISTANCE-COUPLED AMPLIFIER CHART. Under maximum rated conditions, the d-c resistance in the grid circuit of the 6R7 and 6R7-GT/G should not exceed 1.0 megohm.		
<u>DIODE UNITS - Two</u>		
For consideration of these units, see Type 85. Circuits will be similar to those shown for Type 55 with fixed bias. Diode biasing of the triode unit of the 6R7 and 6R7-GT/G is not suitable. Diode curves under Type 6B7 apply to the 6R7 and 6R7-GT/G.		
▲ Triode unit with shell connected to cathode. values are approximate.		
An additional curve applying to Types 6R7 and 6R7-GT/G is		
← Indicates a change. is shown under Type 6SR7.		

DEC. 1, 1943

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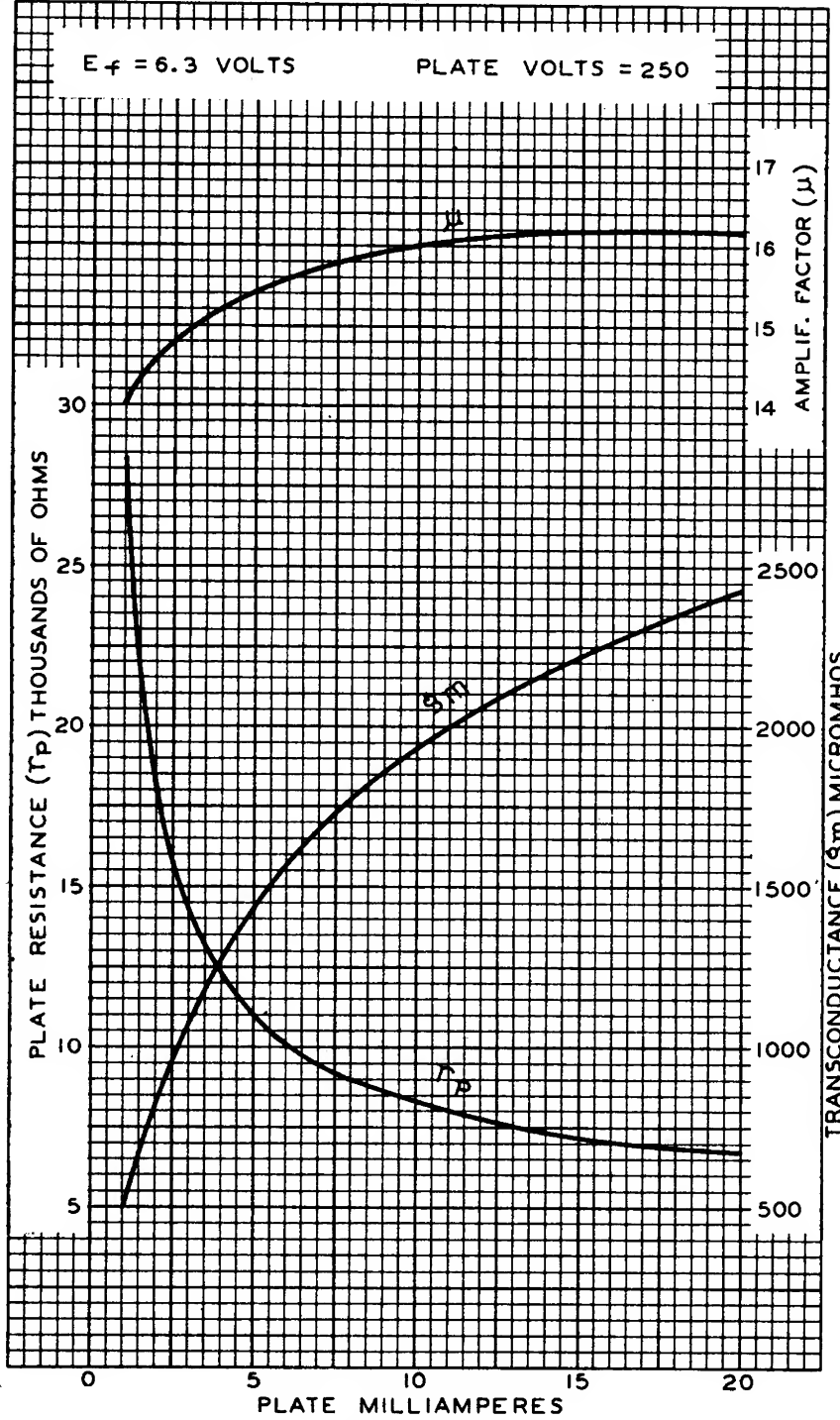
DATA

6R7



6R7

AVERAGE CHARACTERISTICS TRIODE UNIT



DEC. 14, 1943

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92CM-4546R1